

**IMPORTANT:** Before completing this form, carefully read the EPA publication "Reporting for the Chemical Substance Inventory". That booklet contains instructions for properly completing this form.

Approved OMB Form No.  
1505-077011

**U. S. ENVIRONMENTAL PROTECTION AGENCY  
CHEMICAL SUBSTANCE INVENTORY REPORT**

(Section 8(a) and (b) Toxic Substances Control Act 15 USC 2607)

**FORM C**

I. CERTIFICATION STATEMENT: I hereby certify that, to the best of my knowledge and belief, (1) the chemical substance identified below has been manufactured or imported for a commercial purpose since January 1, 1973, and can be reported for the inventory (40 CFR 710); (2) all information entered on this form is complete and accurate; and (3) the confidentiality statements on the back of this form are true as to that information for which I have asserted a confidentiality claim. I agree to permit the copying of records by duly authorized representative of the EPA Administrator, in accordance with the Toxic Substances Control Act, to document any information reported here.

SIGNATURE: *Felix M. Hammack*

DATE: *4/18/78*

NAME/TITLE (TYPE OR PRINT): *Felix M. Hammack, Exec. Vice Pres.*

V. CHEMICAL SUBSTANCE WHERE THE IDENTITY IS CONFIDENTIAL (AND/OR) THE CAS REGISTRY NUMBER IS UNKNOWN.		FORM NO. <b>31436470</b>																															
CAS REGISTRY NUMBER (IF KNOWN)	SPECIFIC CHEMICAL NAME (SEPARATE MULTIPLE NAMES WITH A SEMI-COLON)	<input type="checkbox"/> CLASS 1	<input checked="" type="checkbox"/> CLASS 2																														
NUMBER <b>1</b>	Starch - Enzyme Converted																																
<p>IN THE SPACE PROVIDED BELOW, PROVIDE STRUCTURAL INFORMATION, MOLECULAR FORMULA, AND OTHER SUPPLEMENTAL INFORMATION TO AID IN THE SPECIFIC IDENTIFICATION OF THE CHEMICAL SUBSTANCE:</p> <p><input type="checkbox"/> NO. OF SHEETS SEE ATTACHED SHEETS (WRITE FORM NO. ON ALL ATTACHMENTS)</p> <p>MOLECULAR FORMULA</p> <p>A product which results from treating starch in aqueous slurry, with a starch-hydrolyzing enzyme under controlled conditions of temperature and pressure. A desired degree of hydrolysis is achieved by the controlled conditions and the length of time the starch slurry is maintained under their influence. Preferred enzymes are amylase (900-85-5), carbohydراse (90001-02-9). The enzymatic hydrolysis is terminated by destroying the enzyme, which may be done by raising the temperature or by pH adjustment. The product is a starch of lower average molecular weight than the starting material, in mixture with oligosaccharides split from the original starch by hydrolysis.</p>																																	
<table border="1"> <thead> <tr> <th rowspan="2">ACTIVITY</th> <th rowspan="2">MANUFACTURE</th> <th colspan="2">CONFIDENTIALITY CLAIMS</th> </tr> <tr> <th>(f) PLANT SITE</th> <th>(e) CORPORATION</th> </tr> </thead> <tbody> <tr> <td>PRODUCTION</td> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>SITE LIMITED</td> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>IMPORT</td> <td>X</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>MANUFACTURE</td> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>PRODUCTION RANGE</td> <td>4</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>SITE LIMITED</td> <td></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table> <p>(g) <input type="checkbox"/> CHEMICAL SUBSTANCE IDENTITY IS CONFIDENTIAL</p> <p>(1) SUBSTANTIATION:  <input type="checkbox"/> No. of sheets attached (write form number on all substantiation sheets).</p> <p>(2) Proposed Generic Name:  <hr/> <hr/> </p> <p>(3) I agree to the terms of CONFIDENTIAL CHEMICAL SUBSTANCE IDENTITY STATEMENT on the back of this form.  <input type="checkbox"/></p>				ACTIVITY	MANUFACTURE	CONFIDENTIALITY CLAIMS		(f) PLANT SITE	(e) CORPORATION	PRODUCTION		<input type="checkbox"/>	<input type="checkbox"/>	SITE LIMITED		<input type="checkbox"/>	<input type="checkbox"/>	IMPORT	X	<input type="checkbox"/>	<input type="checkbox"/>	MANUFACTURE		<input type="checkbox"/>	<input type="checkbox"/>	PRODUCTION RANGE	4	<input type="checkbox"/>	<input type="checkbox"/>	SITE LIMITED		<input type="checkbox"/>	<input type="checkbox"/>
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